



# National Transportation Safety Board Factual Data Collection Report of Accident

## NYC07CA113

Aircraft Reg No: N119C  
Most Critical Injury: None

### Location/Time

Nearest City/Place: Bessemer, AL  
Occurrence Date: 05/06/2007  
Occurrence Time: 1600 CDT

### Flight Itinerary

Last Depart. Point: Same as Accident/Incident Location  
Destination: Local Flight

### Aircraft Information

Type of Aircraft: Airplane (not Homebuilt)  
Make/Model: Mooney / M-18L  
Serial Number: 51  
Landing Gear: Retractable - Tricycle  
Engine Type: Reciprocating  
Engine Make/Model: Lycoming / O-145-C2  
Aircraft Damage: Substantial  
Aircraft Fire: None

### Operator Information

Registered Acft Owner: Hospital Coverage PC  
Operator of Aircraft: Hospital Coverage PC  
Operator Address: Birmingham, AL  
Reg. Flt. Conducted Under: Part 91: General Aviation

### Weather

Condition of Light: Day  
Wx Cond. at Site: Visual Conditions

### First Pilot Information

Cert(s)/Rating(s): Private; Single-engine Land

### Flight Time (Hours)

Instrument Ratings: Airplane  
Medical Cert: Class 3  
Date of Last Med. Exam: 10/2006

Total All Aircraft: 180  
Total Make/Model: 91

### Injury Summary

	<u>Fatal</u>	<u>Serious</u>	<u>Minor/None</u>
Crew	0	0	1
Pass	0	0	0

### Narrative

\*\*\* This investigation is based on information furnished by the Pilot/Operator. Additional details may be found in the Form 6120.1\*\*\*

After taking off from runway 5, the pilot of a Mooney M18-L remained in the traffic pattern to practice landings. The pilot lined up on the final approach to the runway with 10 degrees of wing flaps extended, and utilized the visual approach slope indicator to adjust his glide path. After passing over the runway end identifier lights, he then turned to line up with the grass between the runway and taxiway, to practice a soft field landing. His intent was to touchdown just past a taxiway that ran perpendicular to his flight path. As the airplane approached the perpendicular taxiway, "the plane dropped suddenly" with no change of "engine power or tone." The airplane then touched down hard, crossed the edge of the perpendicular taxiway, and the landing gear collapsed, substantially damaging the airplane. Winds about the time of the accident were 045 degrees at 8 knots gusting to 15 knots.